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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

SIXTH FLOOR
PRUDENTIAL BUILDING
195 NORTH TERRACE
ADELAIDE

CEREALS

SOUTH AUSTRALIA

SEASON 1963-64

SCOPE

This Bulletin shows details of the South Australian cereal and hay harvests for the year ended 31st March 1964 as obtained from the annual collection of Agricultural and Pastoral Statistics.

SEASONAL CONDITIONS

Good rains during April 1963 provided an excellent opening to the season and further rains in May consolidated the position. Some areas in the south eastern and northern portions of the State were except-

ionally wet in June and July, and extreme frosts during August damaged some crops in the western parts of Eyre Peninsula. Rainfall was below average during September but very useful rains in October gave a boost to crops in nearly all areas. These rains, with favourable conditions in November and December, enabled good yields of all cereal grains. The preliminary figure of average rainfall over agricultural areas during the cereal growing period April to November 1963 is 15.11 inches, 2.39 inches above the mean April-November rainfall for the previous 58 years.

SUMMARY OF AREAS AND YIELDS Reports at the beginning of the season indicated that farmers intended to sow approximately 2,804,000 acres of wheat, 1,182,000 acres of barley, and 1,081,000 acres of oats. The areas actually sown were 2,849,000 acres to wheat - an increase of 204,000 acres from the previous year, 1,165,000 acres to barley - an increase of 77,000 acres

from the previous year, and 956,000 acres to oats - an increase of 117,000 acres.

The record wheat crop of almost 54 million bushels harvested from 2.8 million acres was 5.9 million bushels more than the previous highest of 48.1 million bushels harvested from 4.1 million acres in the 1931-32 season. The barley yield of 24.3 million bushels was 6.3 million bushels more than that for the previous season, while the yield of almost 9.2 million bushels of oats was 3.4 million bushels more than the 5.8 million bushels obtained in 1962-63.

The estimate of the combined yields of wheat, barley, and oats, for 1963-64 contained in my bulletin issued in January of this year was 88.3 million bushels. Actual yield for these three cereals was 87.5 million bushels - 25.4 million bushels more than in 1962-63 but 12.6 million bushels less than the record 100.1 million bushels harvested in the 1960-61 season.

TABLE 1 - CEREAL HARVEST, SOUTH AUSTRALIA, 1963-64

| | Ar | ea | Yiel | d |
|----------------------------------|---|-----------------------------|---|--|
| Crop | | Sown for Grain (b) | Total (c) | |
| | Acr | es | Bushe | ls |
| Wheat Barley Oats Rye Field peas | 2,848,690 1,164,561 956,336 37,291 32,785 | 500,650 31,345 30,167 | 53,971,269 24,336,555 9,149,149 152,841 490,192 | 19,26 21.67 18.27 4.88 16.25 |
| Hay (all kinds) | Area Cut (Acres) 357,592 | | Ton 488,218 | 1.37 |

- (a) Includes area sown for hay and forage.
- (b) Includes crops which failed.
- (c) Excludes weight of bags.

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TABLE 2 - WHEAT, BARLEY, AND OATS: AREA AND YIELD, COUNTIES AND DIVISIONS, SOUTH AUSTRALIA, 1963-64

| DIVISION | | Wheat | | | Barley | erallelikarin (; in 1 miljan nanoja elikalistalikarin eranekaringan etain | | Oats | | |
|--|---|--|--|---|--|---|---|---|--|--|
| and County | Area | Yield | Yield per Acre | Area | Yield. | Yield per Acre | Area | Yield | Yield per Acre | Rainfall (a) |
| | Acres | Bushels | Bushels | Acres | Bushels | Bushels | Acres | Bushels | Bushels | Inches |
| CENTRAL | | | | | | | | | | |
| Adelaide Carnarvon Eyre Fergusson Gawler Hindmarsh Light Sturt | 6,657 6,387 48,013 113,711 112,945 8,439 58,975 61,643 | 127,806 94,023 924,789 2,880,480 2,735,241 209,739 1,006,113 | 19.20 14.72 19.26 25.33 24.22 24.85 17.06 19.79 | 14,176 5,026 5,546 218,614 59,532 12,214 22,180 30,793 | 401,430 111,181 109,691 6,141,013 1,561,443 308,870 447,647 617,090 | 28.32 22.12 19.78 28.09 26.23 25.29 20.18 20.04 | 2,477 10,319 7,137 11,550 16,217 7,178 13,997 10,027 | 54, 125 272, 314 156, 063 266, 228 380, 301 175, 415 252, 632 226, 177 | 21.85 26.39 21.87 23.05 23.45 24.44 18.05 20.89 | 21.23 17.46 17.84 17.31 15.74 17.94 |
| LOWER NORTH Burra (incl.Kimberley) Daly Stanley Victoria | 28,322 248,894 191,558 168,811 | 551,379 6,276,672 4,717,827 4,141,278 | 19.47 25.22 24.63 24.53 | 1,719 109,862 38,243 36,660 | 33,104 3,097,933 888,729 964,503 | 19°26 28°20 23°24 26°31 | 5,884 34,013 30,181 17,386 | 124,645 770,214 728,324 440,312 | 21.18 22.64 24.13 25.33 | 17.04 17.33 15.69 18.53 14.66 |
| UPPER NORTH Dalhousie Frome Newcastle Other Counties | 63,927 104,559 9,423 1,776 | 1,365,846 2,273,853 173,670 18,699 | 21.37 21.75 18.43 10.53 | 4,517 8,299 Included | 91,009 174,811 in "Other C | 20.15 21.06 ounties" 10.77 | 8,260 10,842 988 195 | 193,125 222,043 13,079 3,801 | 23.38 20.48 13.24 19.49 | 12.10 14.36 (b) (b) |
| SOUTH EASTERN Buckingham Cardwell Grey MacDonnell Robe | 42,252 7,806 1,509 9,794 4,441 | 875,739 98,820 33,423 207,339 106,548 | 20.73 12.66 22.15 21.17 23.99 | 7,705 11,342 1,498 2,888 2,533 | 144,105 208,637 47,448 59,319 33,314 | 18.70 18.40 31.67 20.54 13.15 | 39,627 3,750 1,203 10,704 8,394 | 932,669 62,837 38,466 253,200 203,620 | 23.54 16.76 31.98 23.65 24.26 | 12.95 14.29 18.44 17.06 19.48 |

TABLE 2 - WHEAT, BARLEY, AND OATS: AREA AND YIELD, COUNTIES AND DIVISIONS, SOUTH AUSTRALIA, 1963-64 (continued)

| DIVISION | | Wheat | | THE STATE OF THE S | Barley | | | Oats | mappinssiste until in saturitation per 65 Adjesse tilp ger | D . 0 73 |
|----------------------|-----------|------------|--|--|----------------|-------------|----------|-----------|--|----------|
| and | | | Yield | | | Yield | | | Yield | Rainfall |
| County | Area | Yield | per Acre | Area | Yield | per Acre | Area | Yield | per Acre | (a) |
| | Acres | Bushels | Bushels | Acres | Bushels | Bushels | Acres | Bushels | Bushels | Inches |
| WESTERN | | | | | | | | | | |
| Bosanquet | 2,975 | 56,679 | 19.05 | 500 | 11,518 | 23.04 | 789 | 9,638 | 12.22 | (b) |
| Buxton (incl. York) | 116,405 | 2,319,066 | 19.92 | 7,620 | 142,763 | 18.74 | 19,800 | 302,462 | 15.28 | 13.38 |
| Dufferin | 50,135 | 703,689 | 14.04 | 2,084 | 35,976 | 17.26 | 14,228 | 163,683 | 11.50 | 12.14 |
| Flinders | 94,355 | 1,823,469 | 19.33 | 59,880 | 1,261,349 | 21.06 | 21,821 | 431,106 | 19.76 | 15.99 |
| Hopetoun | 5,860 | 69,180 | 11.81 | 1,529 | 24,737 | 16.18 | 1,660 | 21,555 | 12.98 | (b) |
| Jervois | 305,216 | 5,001,948 | 16.39 | 53,610 | 881,019 | 16.43 | 36,424 | 476,113 | 13.07 | 14.79 |
| Kintore | 21,644 | 299,955 | 13.86 | 1,945 | 33,452 | 17.19 | 7,036 | 87,990 | 12.51 | 10.18 |
| Le Hunte | 125,344 | 2,162,361 | 17.25 | 14,682 | 258,209 | 17.59 | 23,194 | 324,427 | 13,99 | 11.15 |
| Musgrave (c) | 71,863 | 1,273,641 | 17.72 | 47,811 | 1,006,125 | 21.04 | 10,449 | 180,557 | 17.28 | 15.40 |
| Robinson | 120,501 | 2,193,927 | 18.21 | 27,716 | 599,407 | 21.63 | 25,620 | 388,679 | 15.17 | 13.65 |
| Way | 87,586 | 1,331,232 | 15.20 | 4,608 | 77,952 | 16.92 | 22,882 | 298,550 | 13.05 | 9.37 |
| MURRAY MALLEE | | | | | | | | | | |
| Albert | 141,969 | 1,654,902 | 11.66 | 28,783 | 356,160 | 12.37 | 15,916 | 164,486 | 10.33 | 12.31 |
| Alfred | 137,430 | 1,806,282 | 13.14 | 32,254 | 395,264 | 12.25 | 12,121 | 126,627 | 10.45 | 11.37 |
| Buccleuch | 80,028 | 940,767 | 11.76 | 142,768 | 2,200,697 | 15.41 | 21,060 | 216,772 | 10.29 | 14.35 |
| Chandos | 107,024 | 1,932,003 | 18.05 | 69,278 | 1,073,691 | 15.50 | 7,222 | 84,334 | 11.68 | 13.31 |
| Hamley (incl. Young) | 11,434 | 102,129 | 8.93 | 1,297 | 15,566 | 12.00 | 1,122 | 11,160 | 9.95 | (b) |
| Russell | 22,647 | 260,991 | 11.52 | 33,339 | 520,842 | 15.62 | 8,177 | 91,420 | 11.18 | 13.11 |
| DIVISIONS | | | and the state of t | | | | | | | |
| Central | 416,770 | 9,197,955 | 22.07 | 368,081 | 9,698,365 | 26.35 | 79,702 | 1,783,255 | 22.37 | 17.75 |
| Lower North | 637,585 | 15,687,156 | 24.60 | 186,484 | 4,984,269 | 26.73 | 87,464 | 2,063,495 | 23.59 | 16.35 |
| Upper North | 179,685 | 3,832,068 | 21.33 | 12,869 | 266,391 | 20.70 | 20,285 | 432,048 | 21.30 | 13.52 |
| South Eastern | 65,802 | 1,321,869 | 20.09 | 25,966 | 492,823 | 18.98 | 63,678 | 1,490,792 | 23.41 | 15.60 |
| Western (c) | 1,001,884 | 17,235,147 | 17.20 | 221,985 | 4,332,487 | 19.52 | 183,903 | 2,684,760 | 14.60 | 13.72 |
| Murray Mallee | 500,532 | 6,697,074 | 13.38 | 307,719 | 4,562,220 | 14.83 | 65,618 | 694,799 | 10.59 | 12.96 |
| Outside of Counties | | , , | | | ounty Musgrave | | Division | | | |
| WHOLE STATE | 2,802,258 | 53,971,269 | 19.26 | 1,123,104 | 24,336,555 | 21.67 | 1500,650 | 9,149,149 | 18.27 | 15.11 |

⁽a) Rainfall over agricultural areas during the crop-growing period April-November 1963. The figure for each county is obtained by averaging recorded rainfall at selected stations in crop-growing areas; the figure for each division is an average of the results so obtained for each county in the division weighted by area under crop. All figures are preliminary and subject to revision.

(b) Not regarded as crop-growing areas.(c) Includes Outside of Counties.

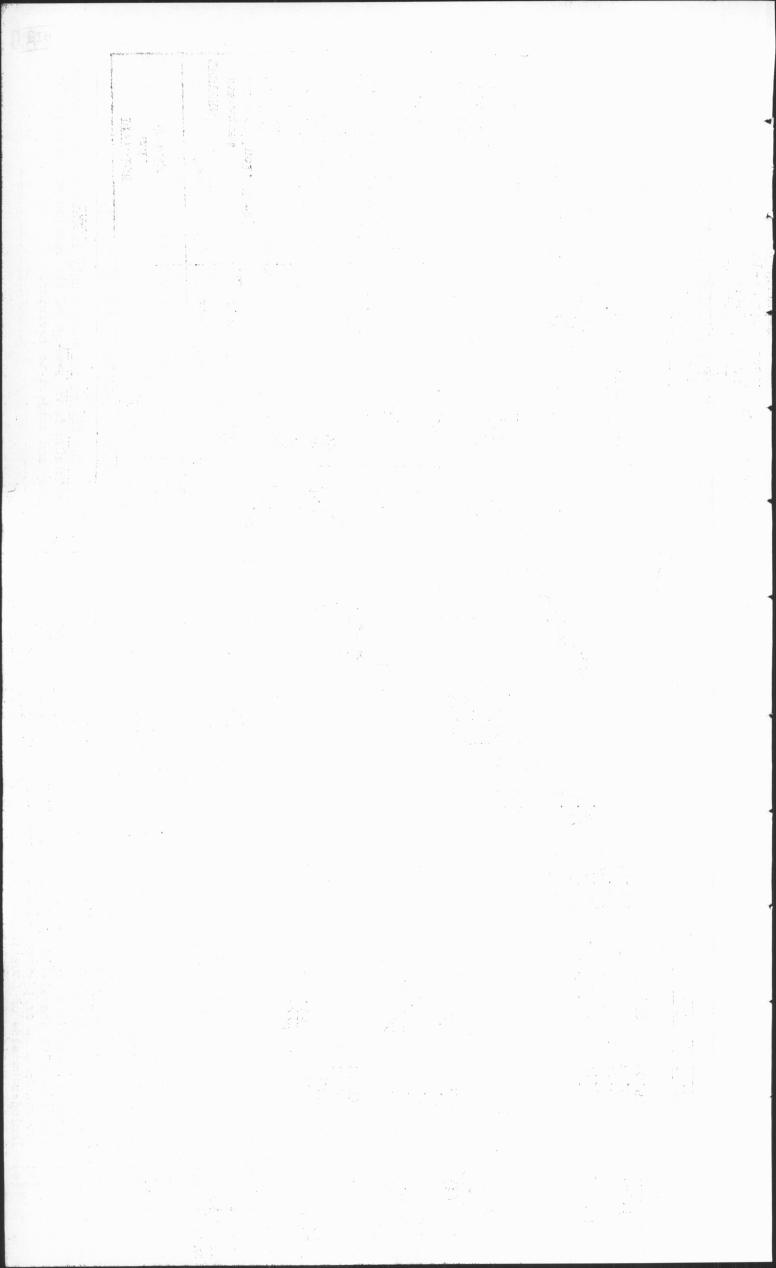


TABLE 3 - RYE AND FIELD PEAS: AREA AND YIELD, DIVISIONS, SOUTH AUSTRALIA, 1963-64

| | | Rye | ra voga kapasa distribus plana finansi kari patikang karang karang mang karang mang patikan sa karang karang m | | Field Peas | 5 |
|---|---|--|--|--|---|---|
| Division | Area | Yield | Yield Per Acre | Area | Yield | Yield Per Acre |
| | Acres | Bushels | Bushels | Acres | Bushels | Bushels |
| Central Lower North Upper North South Eastern Western Murray Mallee | 602 372 - 341 1,000 29,030 | 4,404 4,800 - 1,887 4,206 137,544 | 7.32 12.90 - 5.53 4.21 4.74 | 16,383 12,748 Inclu 436 413 187 | 263,094 217,168 ded in Lower 2,750 4,710 2,470 | 16.06 17.04 North 6.31 11.40 13.21 |
| Total State | 31,345 | 152,841 | 4.88 | 30,167 | 490,192 | 16.25 |

TABLE 4 - HAY: AREA AND YIELD, DIVISIONS, SOUTH AUSTRALIA, 1963-64

| | | Hay (All Kinds) | |
|---|---|---|--|
| Division | Area | Yield | Yield Per Acre |
| | Acres | Tons | Tons |
| Central Lower North Upper North South Eastern Western (a) Murray Mallee | 134,754 70,801 16,718 65,306 32,600 37,413 | 197,733 96,685 21,406 88,785 39,530 44,079 | 1.47 1.37 1.28 1.36 1.21 1.18 |
| Total State | 357,592 | 488,218 | 1.37 |

⁽a) Includes "Outside of Counties".

Yield per acre comparisons for selected years when rainfall during the crop growing period was similar to that for 1963-64 are shown below.

TABLE 5 - CEREAL YIELDS, SELECTED YEARS, SOUTH AUSTRALIA

| | Average | | Average Yield per Acre | | | | | | |
|--|--|--|--|--|--------------------------------------|--|--|--|--|
| Season | Season Rainfall AprNov. (a) | | Barley | Oats | Hay (All Kinds) | | | | |
| | Inches | Bushels | Bushels | Bushels | Tons | | | | |
| 1905-06 1915-16 1932-33 1955-56 1960-61 1963-64 | 15.78 15.02 14.61 15.71 15.59 15.11 (b) | 11.46 12.46 10.43 17.96 23.56 19.26 | 19.27 20.00 19.31 23.61 27.15 21.67 | 15.26 16.87 10.27 17.13 22.41 18.27 | 1.37 1.55 1.23 1.41 1.57 | | | | |

⁽a) Rainfall over agricultural areas.

⁽b) Preliminary.

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AREAS SOWN FOR ALL PURPOSES

The following table shows acreages sown for all purposes (grain, hay, and forage) for the seasons 1960-61 to 1963-64 together with farmers' estimates of areas which they intended sowing for the current 1964-65 season. The greatest area ever sown to wheat in South

Australia was 4,507,213 acres in 1930-31 when only 267,369 acres were under barley. From then until 1958-59 a general upward trend in barley acreages was matched by a decline in those for wheat. For the 1930-31 season the acreage under barley was 5.9 per cent of that under wheat; in 1958-59 it reached 93.6 per cent, but the proportion has decreased in each succeeding year to 40.9 per cent in 1963-64.

In the autumn of 1964 the intended sowing of barley for the 1964-65 season was 43.0 per cent of the intended sowing of wheat.

TABLE 6 - AREAS SOWN FOR ALL PURPOSES, SOUTH AUSTRALIA

| Service Provide Andreas and Associate Andreas and Associate Association in the Association in the Association and Associated a | etros que eletros valuaba califetam esculario con pero el manda que esculario que esculario de la compansión de | | | | |
|--|---|---|---|---|---|
| Crop | 1960-61 | 1961-62 | 1962-63 | 1963-64 | 1964-65(a) |
| | | | Acres | |] agin garinnoon kan aad oon mad kyasadan ayaan, an gang mahanagalahigan asiis an dad san an asiisis asaa ayaa a |
| Wheat Barley Oats Rye Field peas | 2,027,008 1,588,418 907,250 58,665 29,828 | 2,269,548 1,294,028 630,221 37,644 31,541 | 2,644,910 1,088,272 839,249 34,981 35,881 | 2,848,690 1,164,561 956,336 37,291 32,785 | 2,838,071 1,221,172 1,187,987 (b) 39,806 |

- (a) Acreage for 1964-65 is that intended to be sown when details were collected in the autumn.
- (b) Not available.

WHEAT

The record wheat harvest of 53,971,269 bushels in 1963-64 was obtained from 2,802,258 acres. Areas of wheat sown for grain in South Australia have been substantially increased during recent years and the area sown during 1963 was the highest since 3,080,401 acres in the 1938-39 season.

Areas, yields, and yields per acre, relating to South Australian wheat production for the years 1959-60 to 1963-64 are shown below.

TABLE 7 - WHEAT: AREA AND PRODUCTION, SOUTH AUSTRALIA

| | The same of the sa | | | | | |
|---|--|--|---|---|---|---|
| Particulars | Unit | 1959–60 | 1960-61 | 1961-62 | 1962-63 | 1963-64 |
| Total area Grain area Yield Yield/acre | acre acre bushel bushel | 1,605,420 1,549,499 11,928,966 7.70 | , | 2,269,548 2,229,211 33,854,1 57 15.19 | 2,644,910 2,595,145 38,338,860 14.77 | 2,848,690 2,802,258 53,971,269 19.26 |



Varieties of wheat sown for all purposes for the years 1961-62 to 1963-64 are shown in the following table.

TABLE 8 - WHEAT: VARIETIES SOWN, SOUTH AUSTRALIA

| Variety | | Area | | Proporti | on of Tot | al Area |
|-----------------------|-----------|-------------------|--|----------|---------------|---------|
| | 1961-62 | 1962-63 | 1963-64 | 1961-62 | 1962-63 | 1963-64 |
| | | Acres | erfelikalakan direktirik serikan mengengan pelakan direktirik di Sangan direktirik direk | | Per Cent | |
| Bencubbin (a) | 48,215 | 40,618 | 30,358 | 2.12 | 1.54 | 1.07 |
| Bungulla | 2,795 | 2,478 | 2,436 | 0.12 | 0.09 | .09 |
| Claymore Dirk (a) | 113,172 | 106,776 | 93,672 | 4.99 | 4.04 | 3.29 |
| Dundee (a) | 292,156 | 299,063 | 282,094 | 12.87 | 11.31 | 9.90 |
| Eureka | 4,478 | 3,939 | 2,332 | 0.20 | 0.15 | 0.08 |
| Festival | 5,296 | 4,733 | 2,256 | 0.23 | 0.18 | 0.08 |
| Gabo | 6,121 | 6,931 | 3,979 | 0.27 | 0.26 | 0.14 |
| Heron | 2,522 | 500,498 25,177 | 536,205 142,634 | 19.74 | 18.92 | 18.82 |
| Insignia (a) | 667,900 | 926,372 | 1,092,599 | | 0.95 | 5.01 |
| Javelin (a) | 42,421 | 35,575 | 25,910 | 29.43 | 35.02 1.35 | 38.35 |
| Marathon | 4,758 | 4,803 | 3,099 | 0.21 | 0.18 | 0.11 |
| Mengavi | 89 | 1,084 | 2,800 | - | 0.04 | 0.10 |
| Modesty | 5,864 | 5,801 | 2,976 | 0.26 | 0.22 | 0.10 |
| Olympic | 10,863 | 11,357 | 11,482 | 0.48 | 0.43 | 0.40 |
| Pinnacle | 63,225 | 80,299 | 72,634 | 2.79 | 3.04 | 2.55 |
| Quadrat | 17,954 | 15,113 | 8,248 | 0.79 | 0.57 | 0.29 |
| Rapier (a) | 18,658 | 18,638 | 15,926 | 0.82 | 0.71 | 0.56 |
| Reldep | 6,529 | 5,345 | 4,401 | 0.29 | 0.20 | 0.15 |
| Sabre | 300,459 | 353,942 | 337,999 | 13.24 | 13.38 | 11.86 |
| Scimitar (a) | 40,830 | 34,726 | 21,265 | 1.80 | 1.31 | 0.75 |
| Sherpa | 2,699 | 3,778 | 5,621 | 0.12 | 0.14 | 0.20 |
| Sword | 5,804 | 5,124 | 3,587 | 0.25 | 0.19 | 0.13 |
| Wongoondy | 69,184 | 68,478 | 60,683 | 3.05 | 2,59 | 2.13 |
| Yande | 10,910 | 6,541 | 5,266 | 0.48 | 0.25 | 0.18 |
| Other (incl. unspec.) | 78,655 | 77,721 | 78,228 | 3.47 | 2.94 | 2.75 |
| Total area | 2,269,548 | 2,644,910 | 2,848,690 | 100.00 | 100.00 | 100.00 |

⁽a) Includes back cross.

BARLEY

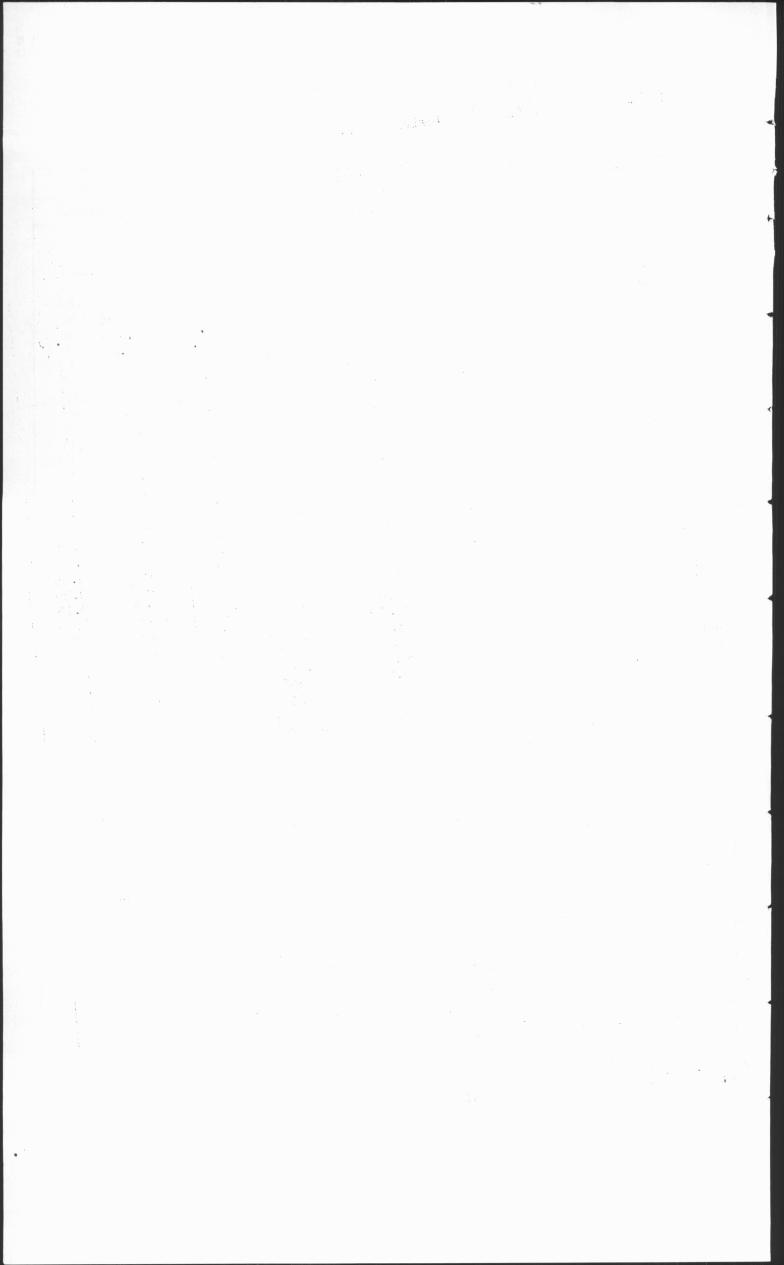
The barley yield for 1963-64 of 24,336,555 bushels averaged 21.67 bushels per acre. The highest production recorded was 42,233,118 bushels in 1960-61, and the best average yield was 28.27 bushels per acre in 1958-59.

The following table shows details relating to South Australian barley production for the years 1959-60 to 1963-64.

TABLE 9 - BARLEY: AREA AND PRODUCTION, SOUTH AUSTRALIA

| Particulars | Unit | 1959-60 | 1960-61 | 1961-62 | 1962-63 | 1963-64 |
|--|--------|------------|------------|------------|------------|------------|
| Total area Grain area Yield Yield/acre | acre | 1,325,689 | 1,588,418 | 1,294,028 | 1,088,272 | 1,164,561 |
| | acre | 1,289,936 | 1,555,687 | 1,270,904 | 1,052,886 | 1,123,104 |
| | bushel | 11,857,192 | 42,233,118 | 21,292,421 | 18,004,881 | 24,336,555 |
| | bushel | 9.19 | 27.15 | 16.75 | 17.10 | 21.67 |

The area of barley sown for grain in 1963-64 totalled 1,123,104 acres, 1,077,279 acres of 2 row yielding 23,419,820 bushels and 45,825 acres of 6 row yielding 916,735 bushels.



The varieties of barley sown for all purposes for the years 1961-62 to 1963-64 are shown below.

TABLE 10 - BARLEY: VARIETIES, SOUTH AUSTRALIA

| Variety | | Area | | Proportion of Total Area | | | |
|--|--|--|--|--|--|---|--|
| | 1961-62 | 1962-63 | 1963-64 | 1961-62 | 1962-63 | 1963-64 | |
| | | Acres | in The contract was a proper contract of the c | Per Cent | | | |
| 2 Row - Maltworthy Prior Noyep Other 2 Row 6 Row - All Kinds | 198,188 943,371 11,965 83,720 56,784 | 157,595 780,960 38,877 65,066 45,774 | 165,391 743,171 144,366 52,784 58,849 | 15.32 72.90 0.92 6.47 4.39 | 14.48 71.76 3.57 5.98 4.21 | 14.20 63.82 12.40 4.53 5.05 | |
| Total area | 1,294,028 | 1,088,272 | 1,164,561 | 100.00 | 100.00 | 100.00 | |

OATS

The oats yield for 1963-64 was 9,149,149 bushels from 500,650 acres - a yield of 18.27 bushels per acre. Record production in South Australia was 11,992,515 bushels in 1958-59.

Details of oats production in South Australia for the years 1959-60 to 1963-64 are shown below.

TABLE 11 - OATS: AREA AND PRODUCTION, SOUTH AUSTRALIA

| The state of the s | The second section of the second seco | | T | The second section of the second seco | | |
|--|--|---|---|--|--|--|
| Particulars | Unit | 1959-60 | 1960-61 | 1961-62 | 1962-63 | 1963-64 |
| Total area Grain area Yield Yield/acre | acre acre bushel bushel | 813,426 505,499 2,504,497 4.95 | 907,250 512,165 11,477,592 22.41 | 630,221 323,662 4,390,899 13.57 | 839,249 415,613 5,770,242 13.88 | 956,336 500,650 9,149,149 18.27 |

Varieties of oats sown for all purposes for the seasons 1961-62 to 1963-64 are as follows:-

TABLE 12 - OATS: VARIETIES, SOUTH AUSTRALIA

| Variety | Area | | | Proportion of Total Area | | |
|---|---|--|--|---|--|---|
| val 1603 | 1961-62 | 1962-63 | 1963-64 | 1961-62 | 1962-63 | 1963-64 |
| | Acres | | | Per Cent | | |
| Algerian Avon Ballidu Dale Fulghum Kent Kherson (incl. Early) Kurrajong New Zealand Cape Orient Other (incl. unspec.) | 38,966 43,163 37,263 -6,271 48,146 65,690 206,096 13,023 41,209 87,271 43,123 | 19,298 143,673 33,969 5,123 47,219 133,419 263,426 14,036 32,804 90,177 56,105 | 11,672 293,357 32,132 2,596 35,163 162,842 246,138 15,017 28,511 73,168 55,740 | 6.18 6.85 5.91 1.00 7.64 10.42 32.70 2.07 6.54 13.85 6.84 | 2.30 17.12 4.05 0.61 5.63 15.90 31.39 1.67 3.91 10.74 6.68 | 1.22 30.67 3.36 0.27 3.68 17.03 25.74 1.57 2.98 7.65 5.83 |
| Total area | 630,221 | 839,249 | 956,336 | 100.00 | 100.00 | 100.00 |

RYE

During 1963-64 the area of rye sown for all purposes was 37,291 acres. The 31,345 acres sown for grain yielded 152,841 bushels at an average yield per acre of 4.88 bushels.

and the second

FIELD PEAS

From 30,167 acres planted for grain in the 1963-64 season 490,192 bushels were reaged, an average of 16.25 bushels per acre. In the 1962-63 season 392,088 bushels were obtained from 32,396 acres. In the autumn, farmers indicated that they intended sowing 39,806 acres

in 1964-65 for grain or green forage.

Of the 32,785 acres sown in 1963-64 for all purposes 3,346 acres were sown to Collegian, 15,787 acres to Dun, 12,600 acres to White Brunswick, and 1,052 acres to other varieties.

HAY

The yield of hay (all kinds) in 1963-64 was 488,218 tons from 357,592 acres. The greatest amount produced was 1,100,217 tons in 1915-16 obtained from a record area of 709,813 acres.

A summary of areas and production of hay for the years 1959-60 to 1963-64 is shown below.

TABLE 13 - HAY: AREA AND PRODUCTION, SOUTH AUSTRALIA

| Particulars | 1959-60 | 1960-61 | 1961-62 | 1962-63 | 196364 | |
|--|--|---|---|---|---|--|
| | Acres | | | | | |
| Area Wheaten Oaten Other All kinds | 52,076 118,149 75,074 245,299 | 51,649 152,750 188,234 392,633 | 33,527 82,664 92,450 208,641 | 44,278 116,351 126,814 287,443 | 40,772 140,666 176,154 357,592 | |
| | Tons | | | | | |
| Yield Wheaten Oaten Other All kinds | 43,082 74,710 88,621 206,413 | 88,058 243,188 285,009 616,255 | 46,325 101,933 137,543 285,801 | 54,769 147,399 204,195 406,363 | 56,753 185,435 246,030 488,218 | |
| Yield per acre Wheaten Oaten Other All kinds | 0.83 0.63 1.18 0.84 | 1.70 1.59 1.51 1.57 | 1.38 1.23 1.49 | 1.24 1.27 1.61 1.41 | 1.39 1.32 1.40 | |

CEREALS USED ON FARMS

The following table shows details of cereals and hay used on farms for seed and feed purposes during the years 1962-63 and 1963-64.

TABLE 14 - CEREALS USED ON FARMS, SOUTH AUSTRALIA

| Particulars | Unit | 1962 | 2-63 | 1963-64 | | |
|--------------------------------|-------------------------|-----------------------------------|--|-------------------------------------|--|--|
| | | Seed | Feed | Seed | Feed | |
| Wheat Barley Oats Hay | bushel " " ton | 2,924,784 1,258,830 981,005 | 950,688 2,268,255 3,022,602 321,309 | 3,097,422 1,386,005 1,089,894 | 900,609 2,209,679 3,123,618 311,706 | |

Farmers have reported that 2,922,777 bushels of wheat were retained on farms for 1964 seeding and that 733,788 bushels were being kept for feed purposes.

D.L.J. AITCHISON

DEPUTY COMMONWEALTH STATISTICIAN

Commonwealth Bureau of Census & Statistics, ADELAIDE, S.A. 9th September 1964.